

SUBSTITUTE SPECIFICATION
FOR NATIONAL PHASE SUBMISSION

CLEAN VERSION

10

ABSTRACT

[0024] An arrangement with an injection valve (7) is disclosed, arranged in a cylinder head (1) and which permits the recording of the pressure in the combustion chamber (21) of an internal combustion engine (22). A pressure sensor (16) is thus provided, mounted on the injection valve (7). A sleeve (13) is provided as pressure transfer means, enclosing a nozzle body (8) of the injection valve (7), the upper end of which rests on the pressure sensor (16). The lower end of the sleeve (13) runs in a drilling (2) in the cylinder head (22) as far as the region of the end of the drilling (2). A pressure change in the combustion chamber (21) is transmitted to the sleeve (13) by the lower end (14) of the sleeve (13), in the form of a annular surface and transmitted to the pressure sensor (16), by means of the sleeve (13). The embodiment of the sleeve (13) permits an economical and simply produced pressure transfer means.